

# Recombinant Mouse Cd86 Protein, Fc/His-tagged, FITC conjugated

**Cat. No.** Cd86-2282MF    **Lot. No.** (See product label)

## SPECIFICATION

**Product Overview**      FITC conjugated recombinant Mouse Cd86 precursor extracellular domain (Met 1-Glu 245) (NP\_062261.3), fused with the polyhistidine-tagged Fc region of human IgG1 at the C-terminus, was produced in Human Cell.

**Species**      Mouse

**Source**      HEK293

**ProteinLength**      470

**Form**      Lyophilized

**Molecular Mass**      The recombinant mouse CD86/Fc is a disulfide-linked homodimer after removal of the signal peptide. The reduced monomer consists of 470 amino acids and has a predicted molecular mass of 53.4 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rm CD86/Fc monomer is approximately 70-80 kDa due to glycosylation.

**Endotoxin**      < 1.0 EU/ µg of the protein as determined by the LAL method.

**Characteristic**      Disulfide-linked homodimer  
 Labeled with FITC via amines  
 Excitation source: 488 nm spectral line, argon-ion laser  
 Excitation Wavelength: 488 nm

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|                       |   |
|-----------------------|---|
|                       | Emission Wavelength: 535 nm   |
| <b>Stability</b>      | Samples are stable for up to 12 months from date of receipt at -70 centigrade.  |
| <b>Storage</b>        | Store it under sterile conditions at -20 to -70 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.       |
| <b>Storage Buffer</b> | Lyophilized from sterile PBS, pH 7.4  |
| <b>Reconstitution</b> | It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4 centigrade before opening to recover the entire contents. |
| <b>Conjugation</b>    | FITC  |

## GENE INFORMATION

|                        |   |
|------------------------|---|
| <b>Gene Name</b>       | Cd86 CD86 antigen [ <i>Mus musculus</i> ] |
| <b>Official Symbol</b> | Cd86                                      |
| <b>Gene ID</b>         | 12524                                     |
| <b>mRNA Refseq</b>     | NM_019388                                 |
| <b>Protein Refseq</b>  | NP_062261                                 |

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